

INTEGRATED SECURITY AND COMMUNICATIONS SYSTEM  
WITH SECURE COMMUNICATIONS LINK

Abstract of the Disclosure

[0126] An integrated security and communications  
5 system combines a security system to either or both of  
a telephone system interface and a data interface.  
Users have access to voice-mail or other PBX-type  
telephone functions, many or all of which can be  
accessed not only at telephone sets, but also at  
10 keypads of the security system. Data functions such as  
electronic mail and possible partial or full World Wide  
Web access may also be provided at the keypads, as well  
as at connected personal computers or computer  
terminals. The system keypads may be enhanced to  
15 better accommodate some of the added functions. A  
central communications station could be used to  
maintain secure, shared private key encrypted  
communications with each premises system, using a  
redirector arrangement or relay to allow each premises  
20 system to communicate securely with a central  
monitoring station and with other systems. The secure  
communications system could be used without a security  
system to allow secure computer-to-computer  
communications.